P.W.G. 17 | 1st and final Bill | Original/Duplicate/Triplicate

No 3

CONTRACT CERTIFICATE

Reference paras 158 & 170

Division Yelahanka | Sub division Yelahanka New Town | Date

Bills received No | Date | Sub-divisional | Cash book vr No

YNK-DBR No. 70 Date 01.02.18

Sheduled Docket No | Divisional | Date

Name of work(as per sanctioned estimate) :- | Head of account P1771

Work Code:004-17-000053

NAME OF WORK :Providing collapsible Gate, Water supply & Electrical fitting to Rangamandira at Judicial Layout in ward no 04

Name of contractor and full address :- **B R Mohan**

Reference to agreement No :- 22 | **Estimated cost : 8.00** | **Work order No :22, dt:02/05/2017**

16 Certified that the measurments were taken by me on 30/11/17 and recorded on pages 46 49/49 3 to of measurment book No 4642 and the work is satisfactorily executed by the contractor.

Signature of contractor

Asst. Engineer

Certified that the measurments were taken by me on 30/11/17 and recorded correct.The work is satisfactorily executed. Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

Sub-divisional officer

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within		
2) Deduct amount to be held in reserve being-----percent Rs----------%--------		
3) Balance	1st & final	₹12220
4) Deduct payments		
a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S.D No----------Amount adjusted towards cash advance recovery of	FSD	—
	CGST	₹122
	SGST	₹122
	IT	₹122
	LC	₹122
	CBS	₹12
b) Cost of payments/stores or other materials supplied now made recovery of Amount paid on this bill by cheque/cash	Royalty	1435:00
Total	T.D	30635:00
5). Balance being unpaid value of work done held in reserve		
6) Deduct cash of advance made on divisional/sub divisional cash book	net	681585:00
7) Net amount due to or from contractor.		
UN ADJUSTED ITEMS		
8) Advance to contractor for materials to site(as detailed within)		
9) Value of government materials supplied.		
TOTAL AMOUNT UN-ADJUSTED		

Contractor's signatures

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

of payment as per memorandum

(in final settlement of all demand)

Witness

1)

2)

Dated signature of contractor

paid by me cheque No dated

Cash Rs.....

Date Initials of officer making payment

Reciept Stamp

Audited & Admitted for Rs. ₹12220:00

681585:00

30635:00

Date

Executive Engineer

Sl No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
1	2	3	4	5	6	7	8	9	10
1	KSRB 7.1 : Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10 cms. c to c applying a priming coat of red lead paint, cost of materials, labour, HOM of machinery complete as per specifications. size of gate 2.4mx1.4m Specification No. KBS 7.7 / 7.12	Sqm			63.00	4274.00	269262.00	63.00	269262.00
2	KSRB 7.9 : Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12	Kgs			1357.44 1430.95	80.00	108592 114476.00	1357.44 1430.95	108592 114476.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
3	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5	Cum			12.60	200.00	2520.00	12.60	2520.00
4	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/sand/kanker/ Moorum.KSRRB M100-1:Placing tipper at loading point,loading with front end loader,dumping,turning for return trip,excluding time for haulage and return trip complete as per specifications(Item no17.1,Page no 130, PWD SR 2014-15)	Cum			12.60	85.00	1071.00	12.60	1071.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
5	KSRB 4-1.2 : – do – plain cement concrete of nominal mix 1:3:6. using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2	Cum			6.23 ~~6.30~~	5300.00	33019 ~~33390~~.00	6.23 ~~6.30~~	33019 ~~33390~~.00
6	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of nominal mix 1:1.5:3 with 20mm and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached pilasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapetscoping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per	Cum			4.15 4.20	6300.00	26145 ~~26460~~.00	4.15 ~~4.20~~	26145 ~~26460~~.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
7	Providing and fixing vitrified glazed tiles of approved make quality & colour of size 600x600x10cm thick fixed on bed of 12mm thick cement mortor for flooring skirting and jointed with neat cement slurry mixed with pigment to mach shada of tiles inclduing providing spaces at required interval and removing stains inclduing cost of all materails mortor labour etc..,	Sqm			103.68	1150.00	119232.00	103.68	119232.00
8	Providing and fixing M.S.Gate as per Chief Architect Drawing,using 50mm x 50mm 14 gauge M.S.Hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for for verticals alternatively spaced at 4 cms c/c in two halves and 40mmx6mm M.S.flats for horizantal member and at the top cast iron spikes are provided at alternative vertical members as shown in the drawing etc, complete All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint	Sqm			26.4 26.50	3240.00	85536 ~~85860.00~~	26.4 ~~26.50~~	85536 ~~85860.00~~

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
9	Pointing wiring using xopper with switch : Supplying and wiring adoping loop system in exisiting PVC conduct / casing caping using copper PVC insulated multi stand 2x1.5 sqmm coper wire with a 6 amps flush type SP constrol switch shall be fixied on the exisiting plastic sheet / gang box the otjer end of wires shall be termined with suffciciant loose length in a wood / PVC round block complete for each outlet point wiring using	Each			4.00	160.00	640.00	4.00	640.00
	Mediudm point above 3 mtrs upto 6 mtrs from taping point to out let via swicth	Each			4.00	245.00	980.00	4.00	980.00
	a) Long point above 6 mtrs upt 10 mtrs from apping point to out let via swicth	Each			4.00	245.00	980.00	4.00	980.00
	Wiring for fighting / power circuit using one of PVC insulted 1100 v grade multistrand copper conductor single core cable in open or consealed system of wiring II Group B c) 6 Sqmm (9/20)	Each			20.00	45.00	900.00	20.00	900.00

Sl. No	Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
11	Groove cutting : Supplying dia 2 mm / 2.5 thick heavy gauage PVC consuct pipe with bends metal. junction boxes adheseve pase etc.., and branching U or J hooks and cement plastering up to the surface of the brick of the level and rund with 18 SWG GI fish wire run through out the conduct wherever necessary a) 19/20 mm dia 2mm thick (2/3)	Per Mtr			20.00	43.00	860.00	20.00	860.00
12	Supplying and fixng PVC / metal conduit accessried type junction box a) 19/20 mm junction box (3/5)	Each			4.00	18.00	72.00	4.00	72.00
13	DEEP Junction Box a) 18/20 mm deep junction box	Each			16.00	29.00	464.00	16.00	464.00
14	32. Supplying and fixing metal fan box with round hoo (32/11)	Each			8.00	70.00	560.00	8.00	560.00
15	Supplying and flush mounting teak wooden box with out front plank made of not less than 12mm thick wood after due groove cutiing necessary mansonry patch work compled (6/3) b) 12x9x3 (300x228x76)	Each			4.00	80.00	320.00	4.00	320.00
16	Supplying and fixing of modular swicth plate. II using gropu B Meterial (8/18) e) a) 600 watts dimmer	Each			4.00	370.00	1480.00	4.00	1480.00
	a) 16 Ams one way switch	Each			2.00	110.00	220.00	2.00	220.00
	j) 6/16 Amps universal cosket	Each			2.00	170.00	340.00	2.00	340.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
17	Supplying 4 mm thick plastic sheet with necessary nicthes for fixing swiches regulators etc. and fixing on exisiting wooden or metal box using NF Screws (22/10)	Sq. cm			1000.00	0.20	200.00	1000.00	200.00
18	Supplying surface mounted type mirror optic luminaries for single/twin 36/40 watts fluorescent lamps cross rising of stove enameled deep coloured M.S.low profile housing complete with all accessories and high purity anodized aluminium reflector assembling along with cross louvers including necessary fluorescent tubes with Energy saving Electronic Ballest Etc. complete set II 2x4' 36/40 watts B) group B' (5/17)	Each			2.00	2500.00	5000.00	2.00	5000.00
20 19	supplying capacitor type celing fan complete with dawn blades,shackle,canopies etc for operation on 230 Volts, 50 cycles,single phase AC supply conforming to ISS-374-1979 and with double ball bearing system and as per technical data approved 1 48" Sweep(1200 mm) a) Regular Model (23/23)	Each			2.00	1800.00	3600.00	2.00	3600.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
20	Supplying exaust fan of 1440 RPM of 300mm (12") size with bracket blades complete for e for light duty suitable for operate on 230 V 50 Hz, AC Supply... a) Group A' (21/22)	Each			2.00	1250.00	2500.00	2.00	2500.00
21	Supplying patty type fluorescent tube light fitting of 4-36/40 watts flourescent tube fitting,made out of M.S sheet and stove eanmeled with low loss open construction copper wound ferromagnetic ballast, strter,locking type prass contact holders mounted on double fold type sheet base fully wired for use on 230 volts A C supply including 1NO 4-36/40 watts fluorescent tube.) (2/16) Group A	Each			2.00	360.00	720.00	2.00	720.00
22	Fixing all types and all capacities fluorescent/false celing/spot light/CFL fitting indoor on the wall/ celing/rafters/griders using 23/0.0076" twin twisted PVC insulated wires,required nos of blocks and clamps(if required) a) On wall/ ceiling/ Rafter/Griders (7/29)	Each			8.00	105.00	840.00	8.00	840.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
25	Fixing one ceiling/wall mounting fan of all capacities and all types to the exiting S hook with fan regular to the exiting board together with supplying and fixing a 5 ampers ceiling rose,necessary langth of 23/0.0076 inch PVC insulated twin twisted copper wire and wiring completely. (8/29)	Each			8.00	105.00	840.00	8.00	840.00
26	Fixing one exhaust fan in the nitch already left in the wall with bolts and nuts 5 amps ceiling rose with sufficient length of 23/0.0076 inch PVC insulated twin core wire of apporoved Make (12/29)	Each			4.00	300.00	1200.00	4.00	1200.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
27	Supplying,fixing wiring earth electrode for grouding conduits. I.C cutouts and other equipment on the meter board using 40mm dia 2.90 thick GI2.5 mtrlong buried in a pit should be filled with equal proporation of salt and charcoal 150mm alround the pipe to complete depth. The conection from the pipe to the conduit etc is to be established throughGI wire of size as oer ISI specifications 7.33 of IS 732 using 12mm dia bolts,nuts,washers and checknuts etc,the pipe shall have 16 through holes 12mm dia (68/01)	Each			2.00	1900.00	3800.00	2.00	3800.00
28	suplying and mixing miniature circuit breakers on exiting MCB distribution boards using necessary fixing materials and C type curve,indicator ON/OFF energy cross-3 with short circuit breaking capacity of 10k and complete wiring as required. a) 32 Amps SP 1)Group A (12/36)	Each			4.00	190.00	760.00	4.00	760.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
29	Energy meter box. Supply and instalation/fixing/ provision of outdoor type thermoplastic modular panel enclousers with transperent polycarbonate lid shock proof,coreosion proof having internally embedded gasket on both lid and flap suitable to fix. Single phase/three phase energy meter in suitable base plate and having a provision fo fuse/ MCB cutout with suitable transperent hinged flap opening for operating MCB along with complete tamper proof SEALING facility. a) 300 x 300 x 214 mm (40/42)	Each			2.00	3000.00	6000.00	2.00	6000.00
28	Supplying of LT UG cable having aluminium conductor PVC insulated,sheathed,galvanized,steel wire/steel tap armoured cable with PVC outer sheathing 1.1KV class A PVC Cabled)4 core 16 sqmm (68/04)	Per Mtr			5.00	150.00	750.00	5.00	750.00
31	Labour charges for laying of 1.1KV Class UG cable in existing trench GI pipe stoneware pipe/on wall/on pole as required a) 6sqmm to 16 10 sqmm (5/69)	Rmtr			10.00	8.00	80.00	10.00	80.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
32	Digging of trench of 0.6mm deep * 0.50 mtr wide refilling the trench to the required ground level and consolidating etc. complete.(As per Civil SR KSRB 1-2p-7)a. in Ordinary soil (6/70)	Rmtr			10.00	40.00	400.00	10.00	400.00
33	Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not lessthan 3.25mm on pole/wall/drain crossing eith necessary clamping arrangements for UG cable of 1.1 KV class B.50 mm (9/70)	Mtr			2.00	250.00	500.00	2.00	500.00
34	Suplying and fixing L.T cast Iron Pot Heads suitable for 1.1KV class UG cable filled with Necessary bitumen/insulating compound complete with erminals,clamps,bolts,nuts and washers etc,. b. 16 Sqmm (10/70)	Each			2.00	248.00	496.00	2.00	496.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
38	KSRB 13-8.11 Providing and fixing to wall, ceiling and floor, low-density polyethylene pipes 10.00KGf/sq.cm. working pressure 25mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling an floor including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No. 13.2.15.1 / 13.9,, Page No. 103/ Item No. 13.76 / PWD SR 2016-17	Mtrs			50.00	113.70	5685.00	50.00	5685.00
26	KSRB 12-1.1 : Providing and laying in position to required level or slope 200mm internal diameter salt glazed stoneware pipes grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints, including cost of materials, labour charges complete as per specifications.Specification No. KBS 12.2.5/12.7 Page No. 67/ Item No. 11.3/ PWD SR 2016-17	Mtrs			15.00	508.00 506	7620.00 7590	15.00	7620.00 7590

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to date	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
38	KSRB 12-8.1 : Constructing brick masonry inspection chamber 455x610mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I. cover with frame (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38kg (weight of cover 23kg and weight of frame 15kg) R.C.C. top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and	Unit			1.00	7460.00	7460.00	1.00	7460.00
39	KSRB 13-6 5.1: Providing and fixing in position 15mm nominal bore brass ferrule with C.I. mouth cover including boring and tapping the main, cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specifications NO KBS 13.3.3 / 13.14 Page No. 89// Item No. 13.43 / PWD SR 2016-17	Each			3.00	192.00	576.00	3.00	576.00

Sl. No	Items grouped under Sub-heads and Sub-works of the estimate	Unit	Previous Measurement		Present Measurement			Total Up to	
			Qty	Cost	Qty	Rate	Amount	Qty	Cost
30	Providing Supplying and commissioning of 1 HP submersible Monoblock pump with starter 15mm cable with necessary GI fittings with suction & Delivery hose pipes including necessary fittings etc completed as per specifications.	Nos			1.00	10000.00	10000.00	1.00	10000.00
					TOTAL		~~719114.00~~ 712220		~~719114.00~~ 712220

Ward No 04
Assistant Engineer

Assistant Excecutive Engineer
Yelahanka Satellite Town Sub Division
BBMP, Bangalore-64